

Long Octagon for Zircon

by Henk Prins, May 2018

Angles for R.I. = 1.810

57 + 8 girdles = 65 facets

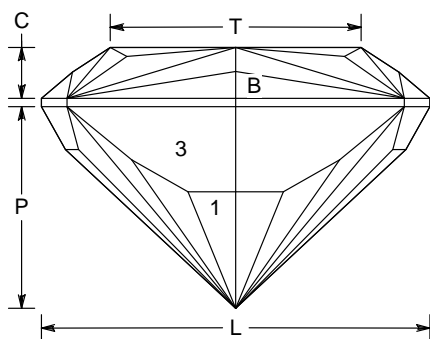
2-fold, mirror-image symmetry

96 index

$L/W = 1.193$ $T/W = 0.770$ $U/W = 0.515$

$P/W = 0.618$ $C/W = 0.156$

$Vol./W^3 = 0.366$



PAVILION

1	43.50°	03-09-13-15- 21-27-33-35- 39-45-51-57- 61-63-69-75- 81-83-87-93	Cut to PCP
4	90.00°	03-45-51-93	Establish width
5	90.00°	21-27-69-75	Meet 1-1-4, establish length
2	61.09°	21-27-69-75	Meet 1-4-5, level girdle
3	66.28°	03-45-51-93	Meet 1-2-4-5, level girdle

CROWN

A	40.61°	21-27-69-75	set girdle width
B	37.00°	03-45-51-93	Level girdle
D	34.09°	20-28-68-76	Meet A-B-C at girdle
C	30.13°	04-44-52-92	Meet A-B at girdle
E	27.59°	05-43-53-91	Meet A-B-C-D at girdle
F	26.49°	16-32-64-80	Meet A-B-C-D-E at girdle
G	11.43°	09-39-57-87	Meet E-C-C-E
T	0.00°	Table	

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